

01-16-03

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PATENT
11ME-491

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ouellette et al.

Serial No.: 09/682,144

Filed: July 26, 2001

For: METHODS AND APPARATUS
FOR SECURE PROGRAMMING
OF AN ELECTRICITY METER

Art Unit: 2857

Examiner: Kim, Paul L.

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Commissioner for Patents
Washington, D.C. 20231

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

2. Applicant is

- ___ a small entity. A verified statement:
___ is attached.
___ was already filed.
☒ other than a small entity.

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8a)

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

FACSIMILE

___ deposited with the United States Postal Service with
sufficient postage as first class mail, in an envelope
addressed to the Assistant Commissioner for Patents,
Washington, D.C. 20231

___ transmitted by facsimile to the Patent and
Trademark Office

Date: _____

Bruce T. Atkins, Reg. No. 43,476

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(complete (a) or (b), as applicable)

- (a) ☒ Applicant petitions for an extension of time under 37 C.F.R. 1.136

(Fees: 37 C.F.R. 1.17(a)(1-5) for the total number of months checked below:)

Extension (months)	Fee for other than <u>small entity</u>	Fee for <u>small entity</u>
<input checked="" type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 400.00	\$ 195.00
<input type="checkbox"/> three months	\$ 890.00	\$ 445.00
<input type="checkbox"/> four months	\$ 1,390.00	\$ 695.00

Fee: \$ 110.00

If an additional extension of time is required, please consider this a petition therefor.

(Check and complete the next item, if applicable)

☐ An extension of _____ months has already been secured. The fee paid therefor of \$ _____ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ _____.

OR

(b) ☐ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY	OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR		PRESENT EXTRA	ADDIT. RATE FEE	OR	ADDIT. RATE FEE
TOTAL	MINUS	*	=		x \$9 = \$		x \$18 = \$
INDEP.	MINUS	**	=		x \$40 = \$		x \$80 = \$
___ FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+ \$135 = \$		+ \$270 = \$
					TOTAL ADDIT. FEE \$	OR	TOTAL ADDIT. FEE \$

- (c)
- ☒
- No additional fee for Claims is required.

OR

- (d) ___ Total additional fee for claims required \$

FEE PAYMENT

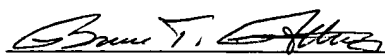
5. Attached is a check in the sum of \$ ____.
- ☒ Charge Deposit Account No. 01-2384 the sum of \$110.00.
- A duplicate of this transmittal is attached.

FEE DEFICIENCY

- 6.
- ☒
- If any additional extension and/or fee is required, charge Deposit Account No. 01-2384.

AND/OR

- ☒
- If any additional fee for claims is required, charge Deposit Account No. 01-2384.


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ouellette et al. :
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For: METHODS AND APPARATUS :
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CERTIFICATE OF MAILING BY EXPRESS MAIL TO
THE COMMISSIONER OF PATENTS AND TRADEMARKS

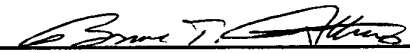
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Date of Mailing: January 15, 2003

I certify that the documents listed below:

- Amendment After Final Office Action (14 pgs.), in response to Office Action dated October 4, 2002 and made final
- Submission of Marked Up Paragraphs and Claims (4 pgs.)
- Amendment Transmittal Cover Form (3 pgs.)(in duplicate)
- Return post card

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to the Commissioner for Patents, BOX AF, Washington, D.C. 20231.



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 D. Bell

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ouellette et al.

Art Unit: 2857

Serial No.: 09/682,144

Examiner: Kim, Paul L.

Filed: July 26, 2001

 For: METHODS AND APPARATUS
 FOR SECURE PROGRAMMING
 OF AN ELECTRICITY METER

AMENDMENT AFTER FINAL OFFICE ACTION

 Hon. Assistant Commissioner for Patents
 Washington, D.C. 20231

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In response to the Office Action dated October 4, 2002 and made final, Applicants hereby submit the following amendment in an attempt to place the application in condition for allowance.

IN THE SPECIFICATION

Please replace paragraph [0014] with the following paragraph:

[0014] In one embodiment, program history log 14 comprises entries or records 16 of an identifiable type. In another embodiment, program history log comprises a more general event or security program history log 18 (shown in Figure 2), which includes records 16 of an identifiable type and other general event records 20. In yet another embodiment, program history log 14 is contained in a separate memory element 22 within meter 10. In each of these embodiments, parameters of meter 10, including but not limited to, for example, selections of quantities for load profiles, real-time pricing schedules, and time of use metering mode parameters are programmed into meter 10. Programming of meter parameters is performed, for example, via an optical communications port 24, a telephone modem 26, an RS-232 port 28, or